

Datasheet

# CFast 2IE series

- iSLC technology
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Write protection security
- Enhanced power cycling management



## Introduction

CFast 2IE is suitable in industrial field and compliant with CFast 1.0 standard. It effectively reduces the booting time of operation system and the power consumption is less than hard disk drive (HDD). CFast 2IE can work under harsh environment, and complies with ATA protocol, no additional drives are required, and the disk can be configured as a boot device or data storage device.

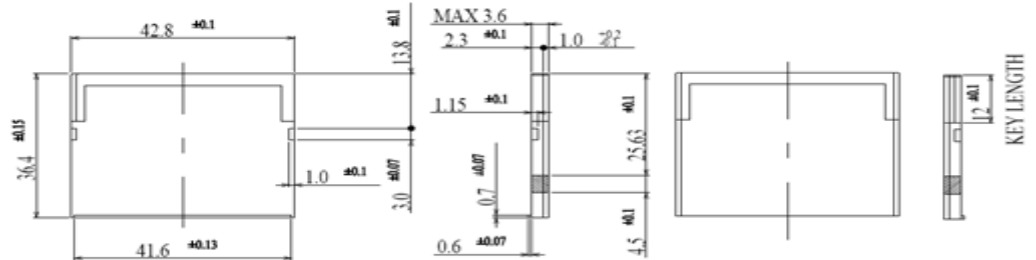
InnoDiskCFast 2IE adopts iSLC technology, which is designed to outdo the endurance, performance and reliability of MLC-based solutions. Through the use of flash management algorithms, iSLC improves SSD endurance up to 30,000 times, increasing lifespans up to 10 times longer than MLC-based solutions.

# CFast 2IE series

Contact us for more information  
about the CFast 2IE

Innodisk is a service-driven provider of industrial embedded flash and DRAM storage products and technologies, with a focus on the cloud computing, industrial/embedded, and aerospace and defense industries.

## Drawing



## Specifications

|                               |   |
|-------------------------------|---|
| Interface                     | SATA II   |
| Flash Type                    | iSLC  |
| P/E Cycle limit               | 30,000  |
| Capacity                      | 8GB~64GB  |
| Max. Channels                 | 4   |
| Sequential R/W (MB/sec, max.) | 130 / 120   |
| Max. Power Consumption        | 0.66 W(3.3V x 200 mA )  |
| Thermal Sensor                | √   |
| H/W Write Protect             | √   |
| Pin7 Power                    | —   |
| ATA Security                  | Supported   |
| S.M.A.R.T.                    | Supported   |
| Dimension (WxLxH)             | 42.8X 36.4 X 3.6 mm   |
| Environment                   | Vibration: 20G @7~2000Hz<br>Shock: 1500G @ 0.5ms<br>Storage Temperature: -55°C ~ +95°C<br>MTBF: 3 million hours |

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## Ordering Information

| Operation Temp.                 | 8GB                   | 16GB                  | 32GB                  | 64GB                  |
|---------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Standard Grade<br>(0°C ~ +70°C) | DHCFA-<br>08GJ301C1QN | DHCFA-<br>16GJ301C1QN | DHCFA-<br>32GJ301C1QN | DHCFA-<br>64GJ301C1QN |